

Form PTO-1449
(REV. 8-03)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket
2003946-0148
(PITA/US)In re Application No.
Not Yet Assigned

10/501120

**INFORMATION
DISCLOSURE STATEMENT**
(Use several sheets if necessary)

Applicant: Agoulnik *et al*Filing Date:
January 8, 2004Group:
NYA**U.S. PATENT DOCUMENTS**

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
B/D	† 4,990,448	Konishi, et al.	February 5, 1991	435	106
B/D	† 5,071,957	Konishi, et al	December 10, 1991	530	330

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	International Publication Date	Translation	
				Yes	No
B/D	EP 0 332 080 B1	EP	September 13, 1989		
B/D	EP 0 411 660 A1	EP	February 6, 1991		
B/D	JP 3-197492	JP	August 28, 1991		X
B/D	JP 5-286955	JP	November 2, 1993		X
B/D	WO 95/24914	PCT	September 21, 1995		
B/D	WO 96/13266	PCT	May 9, 1996		
B/D	WO 02/096933	PCT	December 5, 2002		
B/D	WO 03/033506 A1	PCT	April 24, 2003		X



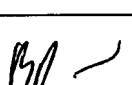
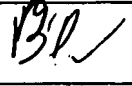

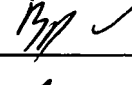

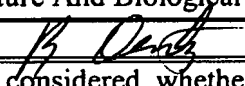
OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	Copy of International Search Report for PCT/US03/00390 A2.
B/D	Adams, et al., "Proteasome Inhibitors: A Novel Class of Potent and Effective Antitumor Agents", <i>Cancer Research</i> , 59: 2615-2622, 1999.
B/D	Elofsson, et al., "Towards subunit-specific proteasome inhibitors: synthesis and evaluation of peptide α',β' -epoxyketones, <i>Chemistry & Biology</i> , 6(11): 811-822, 1999.
B/D	Gardner, et al., "Characterization of peptidyl boronic acid inhibitors of mammalian 20 S and 26 S proteasomes and their inhibition of proteasomes in cultured cells", <i>Biochem J.</i> , 346: 447-454, 2000.
B/D	Harding, et al., "Novel Dipeptide Aldehydes Are Proteasome Inhibitors and Block the MHC-I Antigen-Processing Pathway ¹ ", <i>The Journal of Immunology</i> , 155(4):1767-75, 1995.

† Copies of references not included – requirement waived pursuant to USPTO OG Notice of 8/5/03

Form PTO-1449 (REV. 8-03)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket 2003946-0148 (PITA/US)	In re Application No. Not Yet Assigned 10/501120
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: AgoulNIK <i>et al</i>	
		Filing Date: January 8, 2004	Group: NYA
BM	Iqbal, et al., "Potent α -Ketocarboxyl and Boronic Ester Derived Inhibitors of Proteasome", <i>Bioorganic & Medicinal Chemistry Letters</i> , 6(3): 287-90, 1996.		
HP	Momose, et al., "Tyropeptins A and B, New Proteasome Inhibitors Produced by <i>Kitasatospora</i> sp. MK993-dF2. I. Taxonomy, Isolation, Physico-chemical Properties and Biological Activities", <i>Journal of Antibiotics</i> , 54(12): 997-1003, 2001.		
BS	Sin, et al., "Total Synthesis of the Potent Proteasome Inhibitor Epoxomicin: A Useful Tool For Understanding Proteasome Biology", <i>Bioorganic & Medicinal Chemistry Letters</i> , 9(15): 2283-2288, 1999.		
BM	Sun, et al., "CEP1612, a Dipeptidyl Proteasome Inhibitor, Induces p21 ^{WAF1} and p27 ^{KIP1} Expression and Apoptosis and Inhibits the Growth of the Human Lung Adenocarcinoma A-549 in Nude Mice ¹ ", <i>Cancer Research</i> , 61(4): 1280-1284, 2001.		
EXAMINER		DATE CONSIDERED 9-26-2007	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

† Copies of references not included – requirement waived pursuant to USPTO OG Notice of 8/5/03

Form PTO-1449 (REV. 8-03)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket 2003946-0148 (PITA/US)		In re Application No. 10/501,120	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				Applicant: Agoulnik <i>et al</i>		Filing Date: July 8, 2004	
				Group: NYA			
U.S. PATENT DOCUMENTS							
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass		
U.S. PATENT APPLICATIONS							
Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:		
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Document No.	Country	International Publication Date	Translation			
				Yes		No	
OTHER DOCUMENTS							
Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Hanada, et al., "Epoxomicin. A New Antitumor Agent Of Microbial Origin", <i>Journal of Antibiotics</i> , 45 (11): 1746-1752, 1992.						
	Koguchi, et al., "TMC-86A, B and TMC-96, New Proteasome Inhibitors from <i>Streptomyces</i> sp. TC 1084 and <i>Saccharothrix</i> sp. TC 1094 II. Physico-chemical Properties and Structure Determination", <i>Journal of Antibiotics</i> , 53 (1): 63-65, 2000.						
	Koguchi, et al., "TMC-89A and B, New Proteasome Inhibitors from <i>Streptomyces</i> sp. TC 1087", <i>Journal of Antibiotics</i> , 53 (9): 967-972, 2000.						
	Meng, et al., "Eponemycin Exerts Its Antitumor Effect through the Inhibition of Proteasome Function ¹ ", <i>Cancer Research</i> , 59: 2798-2801, 1999.						
	Meng, et al., "Epoxomicin, a potent and selective proteasome inhibitor, exhibits <i>in vivo</i> antiinflammatory activity", <i>Proc. Natl. Acad. Sci. USA</i> , 96: 10403-10408, 1999.						
	Myung, et al., "The Ubiquitin-Proteasome Pathway and Proteasome Inhibitors", <i>Medicinal Research Reviews</i> , 21 (4): 245-273, 2001.						
	Sugawara, et al., "Eponemycin ¹ A New Antibiotic Active Against B16 Melanoma I. Production, Isolation, Structure And Biological Activity", <i>Journal of Antibiotics</i> , XLIII (1): 8-18, 1990.						
EXAMINER						DATE CONSIDERED 9/26/07	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							